

# National Institute of Electronics and Information Technology

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NEWSLETTER



Vol. 12 Issue 03/ **July 2024 (Quarterly)**

## HIGH LIGHTS

- 27th All India NIELIT Directors Meet Held at NIELIT Aurangabad
- NIELIT Alumni governing Council Meet
- MoU Signed Between NIELIT & NTIPRIT
- ToT Training no Code Low Code Website Development
- Boot Camps organized in Drone & related Technologies
- 100 Police Personnel Trained in Cyber Forensics

## EDITOR-IN-CHIEF'S DESK



Dear Readers,

Welcome to this issue of NIELIT News letter. This newsletter highlights recent activities conducted by NIELIT centres. The 'India AI' program is an important initiative to strengthen India's artificial intelligence (AI) ecosystem. Led by the Ministry of Electronics and Information Technology (MeitY) under the National Program on Artificial Intelligence (NPAI), it aims to enhance collaboration among national initiatives. Although AI may disrupt some jobs, it generates new opportunities. Focusing on skill development is crucial for building a strong workforce to supply the country's needs and the globe.

Key components of the initiative include: a) Early AI Education at schools b) new Course Materials, c) Ethical AI to include in every course, d) Flexible Learning with smaller modules and micro-credentials, e) Integrated AI Training in existing Industrial Training Institute (ITI) courses, f) Industry Relevance, g) Revised cost Norms for AI training, h) Increase focus on AI R&D, i) Identify new Future job roles, j) Collaboration-Partner with EdTech and technology providers. This initiative aims to equip a skilled workforce to tackle the challenges and opportunities of AI. Thus, regulatory bodies are enhancing AI education from the school level by promoting many standardized curriculum, fostering industry collaboration, and integrating AI into the National Credit Framework for uniform skilling across academic institutes.

NIELIT centre are conducting trainings of candidates in many recent technologies starting from school students to levels of master's and Ph.D scholars. This issue highlights several Industry-Academia collaborations with National and International institutes. I hope that the readers would find the articles informative and I take this opportunity to request the readers for their valuable feedback at [newsletter@nielit.gov.in](mailto:newsletter@nielit.gov.in)

### NEWS AT A GLANCE

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Enjoy reading!

**Dr. Yumnam Jayanta Singh**  
Executive Director





## 27th All India NIELIT Directors' Meet held at NIELIT Aurangabad

NIELIT organised its 27th All India Director's Meet on 17th & 18th May 2024 at its Aurangabad Centre with all Executive Directors, Directors, DIC, from NIELIT Centres across India, along with senior officials. The event was chaired by Dr. M. M. Tripathi, DG NIELIT and graced by Sh. A.K. Pipal, Scientist G, MeitY. The Centre heads gave presentations on a 100-day, one-year and five-year plans of their respective Centres. Also, NIELIT Ropar gave a presentation on activities related to NIELIT deemed university. Fruitful discussions were



held on revamping proposals and schemes, expanding examination activities, and high-end skilling in emerging technologies like Semiconductors, Artificial Intelligence, and Cyber Security.

## Visit of Additional Secretary, MeitY & DG NIELIT to NIELIT Kolkata



Shri Bhuvnesh Kumar, IAS, Additional Secretary, MeitY, Govt of India and Dr M.M.Tripathi, DG, NIELIT, visited Salt Lake Campus on 9th May 2024 wherein Shri V. Krishnamurthy, Executive Director, highlighted the activities undertaken by the Centre. Shri Bhuvnesh Kumar, delivered a motivating speech and appreciated the initiatives undertaken by the Centre. He further asked to enhance the qualification and skillsets and move forward for career

development. Dr. M. M. Tripathi delivered an inspiring speech focussing on the activities being carried out by the Centre and advised the use of Blockchain technology and Data Analytics in future projects, especially in the area of AgriCensus and agricultural farming.

## DG NIELIT visited NIELIT Ropar Centre

NIELIT Ropar and Chandigarh were visited by Dr M. M. Tripathi, DG NIELIT and Sh Rajneesh Asthana, Registrar, to review the centre on 24th April 2024. DG NIELIT addressed the staff and was apprised about the various projects and their SWOT analysis by the department heads.





## Meeting with the University of Wollongong, Australia

Mr. Adam Malouf, COO and Vice President (Operations), University of Wollongong, Australia, visited NIELIT HQ on April 18, 2024, and he engaged in a productive discussion with Dr. S.K. Dhurandher, ED, and other officers; During the meeting, Mr. Himanshu Mohan delivered a comprehensive presentation on NIELIT's diverse activities, including its courses, virtual labs, Cyber Forensic Lab, and university campuses. The discussions were marked by enthusiasm and a strong focus on potential collaborations in the areas of Training, Research & Development, and Placement. The exchange of ideas set the stage for promising partnerships between NIELIT and the University of Wollongong.



## North East Startup Catalyst Program Sparks Excitement in Guwahati

NIELIT Guwahati has organised a 02-day skilling program for its registered startups from 27th to 28th June 2024 at the Assam Startup – the Nest premises. The ceremony began with a warm welcome address by Dr Y. Jayanta Singh, ED of NIELIT; Dr Singh emphasised the growing significance of artificial intelligence and highlighted the futuristic potential of the new electronic semiconductor plants established in the area. Shri Anubhav Tiwari, Chief Innovation Officer, provided an insightful overview of the potential prospects for startups in Northeast India. Shri Chinmoy P. Phookan, ACS, MD of Assam Industrial Infrastructure Development Corporation, elaborated on the initiatives undertaken by the Government of Assam to popularise the startup culture among the local populace. Smt. Nandita Dutta, IAS, Secretary of the Information Technology Department, Government of Assam, addressed the gathering with a commendation of NIELIT's innovative initiative. She praised the Startup Catalyst Program's visionary approach and encouraged further evolution of such efforts, instilling a sense of support and motivation in the audience.

MD of Assam Industrial Infrastructure Development Corporation elaborated on the initiatives undertaken by the Government of Assam to popularize the startup culture among the local populace. Smt. Nandita Dutta, IAS, Secretary of the Information Technology Department, Government of Assam, addressed the gathering with a commendation of NIELIT's innovative initiative. She praised the Startup Catalyst Program's visionary approach and encouraged further evolution of such efforts. Some of the panellists are Shri Rajarshi Sharma, Chief Operating Officer of Assam Startup; Dr Hirak R.Das, Innovation Manager at AICTE, MIC, Government of India; and Shri Satyen M.Mahanta, entrepreneurial. Industry experts were Satyanarayana Reddy M, Lead of the Innovation & Business Department at KCITE, Ankur Mehta, Associate Director at Plaksha University, and Naveen KL is the founder of Trice Systems





## NIELIT Alumni Governing Council Meet

A NIELIT Alumni Governing Council meeting was held on 11th June 2024 with DG, NIELIT and other senior officials. In-depth discussions focused on advancing the Alumni Association & providing essential support to NIELIT students in their various pursuits, including placements. The Committee members decided that a weekly meeting would be held every Saturday or Sunday. Main focus will be to create a large Alumni network so that maximum students' can be benefited.





## MoU was signed between NIELIT & NTIPRIT

An MoU was signed on 03rd June, 2024, between NIELIT and NTIPRIT to collaboratively conduct FDPs, lectures, workshops and joint conferences, as well as extended training programs for students/employees on Wireless Communication/Signal Processing/Advance Networking among other things.

The MoU was signed by Dr. M.M. Tripathi, DG, NIELIT and Sh. Deb K. Chakrabarti, DG, NTIPRIT, in the presence of other senior officials.



## MoU signed with D Y PATIL INTERNATIONAL UNIVERSITY



An MoU was signed between NIELIT and D Y Patil International University, Akurdi, Pune to enhance educational collaboration & skill development. Prof. Prabhat Ranjan, VC, DYPIU and Prof. M. M. Tripathi, DG, NIELIT signed the MoU. Dr. Jayaraj U Kidav, ED, NIELIT Aurangabad was also present at the event.

## NIELIT Guwahati signed MoU with Royal Global University, Guwahati

On 10th May 2024, NIELIT Guwahati entered into a Memorandum of Understanding (MoU) with Royal Global University, Guwahati, to launch re-skilling programs under the "One Youth, One Skill" initiative. This collaboration aims to enhance the youth's skill set, providing them with industry-relevant training and improving their employability. The partnership between Royal Global University and NIELIT Guwahati is a significant step towards creating a skilled workforce in the region.





## NIELIT Kolkata signed MoU with Salt Lake Institute of Engineering and Management

An agreement was signed by Shri V. Krishnamurthy, Executive Director, NIELIT Kolkata and Shri Kalyan Saha, Manager Quality, Salt Lake Institute of Engineering and Management Limited, for imparting training to SC/ST/EWS(Women) candidates in Cooch Behar district, West Bengal under the project "Employability Enhancement & Livelihood Training Program (EELTP) through Capacity Building and Skill Development in IECT" on 10th April, 2024.



## NIELIT Calicut Collaborates with MHA for Enhanced Cybersecurity



NIELIT Calicut welcomed a distinguished visitor on 27th May, 2024. Mr. Robin Sebastian, Deputy Director of the National Cyber Security Division (NCSD) under the Ministry of Home Affairs (MHA), visited the institute to explore potential collaborations in the critical cybersecurity domain. During his visit, he engaged in discussions with NIELIT Calicut officials regarding possibilities for joint initiatives and knowledge sharing in cybersecurity.

## Agreement signed between NIELIT Kurukshetra and Hartron Gurugram

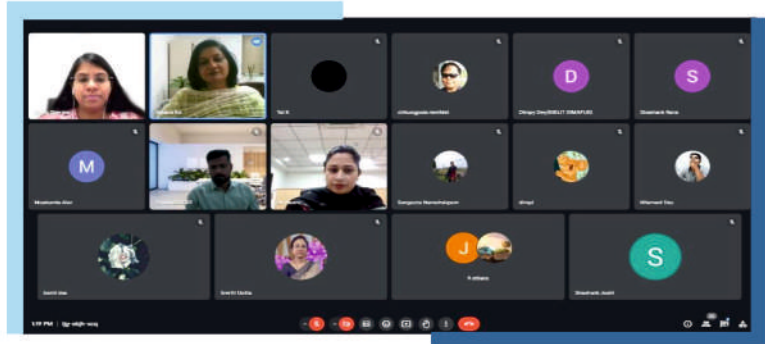
An agreement signed between NIELIT Kurukshetra and Hartron Gurugram for "Setting up a NIELIT Skill Centre of Excellence (NSCoE) at the campus of HARTRON Multi Skill Centre Gurugram". NIELIT Kurukshetra will develop the Centre of Excellence in 5G/6G & other emerging technologies and also provide skill training at the Centre. The agreement was signed by Director, NIELIT Kurukshetra and MD, HARTRON.





## ToT Training No-Code Low-code Website Development

NIELIT HQ in collaboration with Uniques Technologies has successfully completed a groundbreaking Training of Trainers session on No-Code Low-code Website Development. 80 nominated officials from almost all NIELIT centres across India took hands-on two-day online training on ABZ PLAT, empowering them to teach web design skills to NIELIT students in their respective Centers. The training was conducted in two batches from 23rd to 26th April and 30th April to 03rd May, 2024.



## Training course on Financial Accounting using Tally

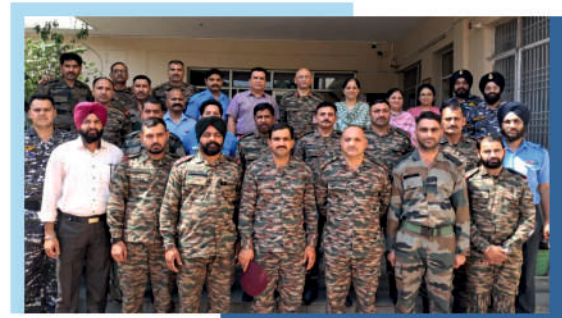
On the initiative of the Directorate General of Resettlement, thirty air force officials completed specialised training in Financial Accounting using Tally at NIELIT Shimla from 08 April 2024 to 28



June 2024. On 18 June 2024, Col. Pradeep Karki visited NIELIT Shimla and drew attention from the course attendees. He provided the officials with invaluable advice for improving their careers and inspired them to pursue this career path to the fullest.

## Training programs for DGR-sponsored candidates

NIELIT Jammu conducted a comprehensive 3-Months training program from April 8, 2024 to June 28, 2024 in Certified Multimedia Development and CCC-Course on Computer Concepts, explicitly designed for JCOs/ORs Sponsored by the Directorate General of Resettlement (DGR). This program aimed to facilitate the smooth transition of defence personnel into civilian careers by equipping them with in-demand digital skills. During the course study material was distributed among the participants.





## Training program in 'Advance Networking and Cyber Security'

NIELIT Jammu conducted a comprehensive 3-month training program in 'Advance Networking and Cyber Security' for 28 JCO's /OR's, sponsored by the Directorate General of Resettlement (DGR). This specialized program was designed to equip military personnel with cutting-edge skills in networking and cyber security, thereby enhancing their career prospects post-service. The curriculum covered a wide range of topics essential for modern cyber security professionals, including advanced network design and management, threat assessment and mitigation and encryption techniques.



## Training for the executives of the Airport Authority of India by NIELIT Delhi

NIELIT Delhi Centre, East Delhi Office, in a collaborative effort with the NIELIT J&K Centre, conducted a specialised 10-day offline training program in Advanced Level Linux. Held from April 29th to May 10th, 2024, this initiative was tailored for executives from the Airport Authority of India, emphasising the strategic importance of enhanced IT skills in aviation management. Participants were engaged in intensive hands-on sessions designed to



deepen their understanding and expertise in Linux, an essential tool for today's technology-driven environments. Participants were issued course completion at the end of training.



## Training in Basic Computer Course Sponsored By M/S. Rail Edutech Pvt. Ltd.

NIELIT Delhi Centre, East Delhi Office proudly hosted a comprehensive 5-day offline Basic Computer Course, sponsored by M/s. Rail Edutech Pvt. Ltd from June 10th to 14th, 2024. The program welcomed 40 enthusiastic participants, providing them with an immersive learning experience in essential computing skills. Highlighting the commitment to excellence and learning, each participant received a certificate upon completing the course, marking their newly acquired skills and readiness to tackle challenges in the digital world.



## Valedictory Programme for the training for officials of PRIDE, Lok Sabha Secretariat

NIELIT Delhi Centre has completed the training program in Desktop Publishing using InDesign and CorelDraw for officials of the Lok Sabha Secretariat. A total of 47 officials of the Printing and Publishing Service attended this comprehensive training programme in three batches, spanning from 19th Apr 2024 to 03rd May 2024. Ms. Sushmita Singh, Associate Faculty, NIELIT Delhi, delivered the insightful sessions, that helped participants delve into the intricacies of InDesign and CorelDraw. This training equipped them with the ability to create professional-grade publications and optimize these tools for their daily office operations.

The valedictory program for these batches will be held on 3rd May 2024 in the esteemed presence of Sh. Subhanshu Tiwari, ED; Smt. Kanchan Rani, Smt. Swapnali Naik, NIELIT Delhi; and Sh. Rajeev Sikka, Joint Director, Lok Sabha Secretariat. Sh. Raj Kumar, Director, PRIDE appreciated the efforts of the participants. Sh. Subhanshu Tiwari, awarded certificates to all the officials and felicitated them for their successful completion of training.



## Corporate Training Programme for officials of Lok Sabha Secretariat, New Delhi

NIELIT Delhi conducted a 3-day training program in Desktop Publishing using InDesign course w.e.f. 19th April, 2024 to 23rd April, 2024. 16 officials of the Lok Sabha Secretariat, New Delhi, attended the training programme.





## Bootcamp 6.0 on "Drone Technology & Big Data Analytics"

The 5-day Bootcamp 6.0 on "Drone Technology & Big Data Analytics" was held from June 24th to June 28th 2024 with a total of 60 participants. This immersive program provided a comprehensive introduction to the rapidly evolving fields of drone technology and big data analytics. Participants explored the fundamentals of drone operations, including flight principles, hardware components, and regulatory considerations, alongside practical sessions on piloting and maintenance.

Simultaneously, the bootcamp delved into big data analytics, covering data collection, processing, and analysis techniques using modern tools and platforms. Emphasis was placed on integrating drone technology with data analytics to solve real-world problems, such as environmental monitoring, agriculture, and urban planning. The hands-on approach ensured that participants gained practical skills and insights, preparing them for innovative applications in these cutting-edge domains.



## BootCamp-5.0 Trainings by NIELIT Imphal

a) Inauguration of Five days BootCamp-5.0 Training on "Assembly of obstacle avoidance based Multirotor UAV" organized by the Department of Electronics, Dhanamanjuri University, Manipur, in association with NIELIT Imphal under the sponsorship of MeitY from 13th to 17 May 2024 at Central Hall, D.M. College of Science, Dhanamanjuri University, Imphal.

b) Inauguration of 5-days BOOTCAMP on "Construction of Autonomous Multirotor UAV for obstacle avoidance" at MTI-HUB, IT Park, Mantripukhri, Manipur on 19th June, 2024 organised by MTI-HUB in association with NIELIT Imphal.





## Boot camps organised in Drone and related Technologies

NIELIT Aurangabad conducted two boot-camp training programs with a duration of 5 days (40hrs.) under the "Capacity building for Human Resource Development in Unmanned Aircraft System (Drone and related technologies)" project funded by HRD Division, Ministry of Electronics and Information Technology (MeitY) Govt. of India.

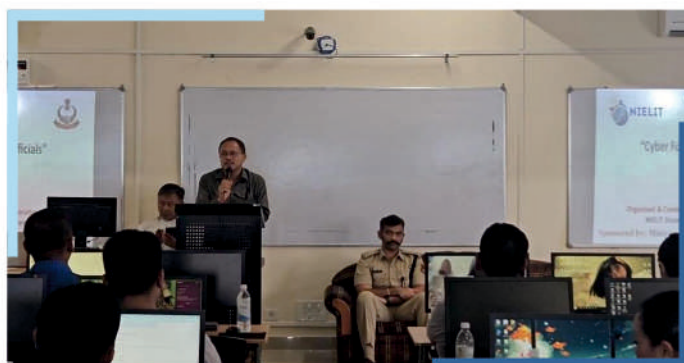
1] Five-day Bootcamp on Unmanned aerial system (Drone Technology) was conducted at Scient Institute of Technology, Ibrahimpatnam, Hyderabad, Telangana state from 06th May, 2024 to 10th May, 2024. Dr. Lakshman Korra, Scientist/Engineer 'D' NIELIT Aurangabad along with officials of the Scient Institute of Technology, Dr. Venu Gopal Ready, Director, Dr. A. Anil Kumar, Principal, Dr. A. Balaram, Head of the Department CSE and HODs of other departments were present for the inauguration. The objective of this bootcamp was to introduce basics of drone assembly which involved drone (quadcopter) frame, flight controller, Electronics Speed Controller, BLDC motors and propellers to sensitize UG/PG students of BE/B.Tech etc.



2] Five-day Bootcamp on Unmanned aerial systems (Drone Technology) was organised by NIELIT Aurangabad at CSMSS College Aurangabad from 29th May 2024 to 03rd June 2024. Dr. Jayaraj Kidav, ED, and Saurabh Bansod were present at the Inauguration function.

## 100 Police Personnel Trained in Cyber Forensic

One Day Training for 100 police personnel on "Cyber Forensic & Security for Police Personnel" was held on 26th April 2024 at NIELIT Aizawl. The training was graced by Shri Rahool Alwal, IPS, SP Aizawl. Shri Lalrempuia Sailo, and Lalremruata, are the resource persons of the training programme.





## NIELIT Calicut Equips 70 Aspirants with FPGA Skills

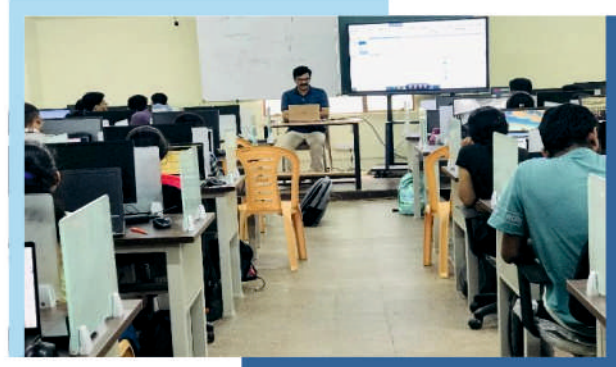
NIELIT Calicut recently concluded a successful internship program on "Digital System Prototyping using FPGAs." Seventy aspiring engineers and tech enthusiasts participated in this intensive program, gaining valuable skills in using Field-Programmable Gate Arrays (FPGAs) for rapid prototyping of digital systems. NIELIT Calicut internship provided

- Design and implement digital circuits on FPGAs
- Utilize Hardware Description Languages (HDLs) for FPGA programming
- Apply design and verification techniques for FPGA-based systems

## PG Program in Data Engineering at Chennai Centre

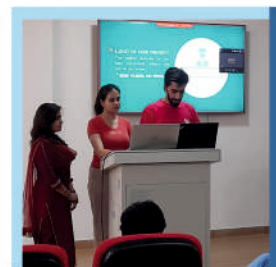
NIELIT Chennai centre conducts regular Post Graduate Diploma courses in advanced areas of Electronics & Information Technology such as Data Science, Information Security, Cloud Computing, Embedded systems, and IoT. Accordingly, the next batch of the PG program in Data Engineering [NSQF L6, 960 Hrs] has started on 24th April, 2024 in online blended mode. 49 students comprising working professionals, faculties, and fresh graduates are selected for the batch.

Dr. Sanjeev Kumar Jha, course Coordinator-DS600 along with other NIELIT Chennai staff were present during the inauguration ceremony. The program covers the topics of Data Analytics, Hadoop Administration, machine learning and Deep learning.



## Innovative ideas displayed by Students

NIELIT Ropar organised presentations of Major Projects developed by 9th batch of six months of industrial training in "Artificial Intelligence and Machine Learning" being conducted jointly with IIT Ropar under the guidance of Ms Anita Budhiraja and Dr. Sarwan Singh. The students showcased Innovative ideas through the projects developed in Computer Vision, Predictive Analysis and Natural Language Processing. Visiting evaluators and guests from IIT Ropar appreciated the work done by the students. They were facilitated by Dr Sanjeev Kumar Gupta, ED, NIELIT Chandigarh and Ropar and motivated and encouraged the students to further enhance their project ideas and become entrepreneurs.





## Vocational Training for Army Public School Ratnuchak Cantt, Jammu

Vocational Training (Level 02) for Army Public School Ratnuchak Cantt Jammu, Class X students, was conducted in-house at APS Ratnuchak Jammu by NIELIT Jammu from June 6-18, 2024 with a total of 111 participants. The training curriculum was designed by APS Ratnuchak "Advanced Python and AI". Throughout the training, students were introduced to complex Python programming concepts, including advanced data structures, object-oriented programming, and file handling. They also learned to utilise key Python libraries like NumPy and Pandas for data manipulation and visualisation. This comprehensive training aimed to enhance students' computational thinking and problem-solving skills and prepare them for future academic and career opportunities in technology.

## 3-day Capacity Building Training program on Emerging Technologies

NIELIT J&K Jammu organized an intensive 3-day – Full Day Capacity Building Training program from 15th May, 2024 to 17th May, 2024 on Emerging Technologies for upskilling of Trainers of ITIs across UT of J&K, the training was sponsored by the Directorate of Skill Development Department, Govt. of J&K. The program included comprehensive training on AI and ML, IoT, and its Applications, Drone Technology, Cyber Security, Big Data, Network Technologies and Android Programming. The program



was designed to enhance participants' technical proficiency and readiness, enabling them to effectively understand and implement these technologies in their respective work areas. On May 17, 2024, a valedictory function was organized both at Srinagar and Jammu. At NIELIT Srinagar, Shri Sudarshan Kumar JKAS, Director of the Skill Development Department, Govt. of J&K, graced the event along with Sh. Farooq Ahmad Khan, Joint Director, Skill Development Department, Kashmir, and Sh. Sajad Hussain Naqeeb, Assistant Director Training, Skill Development Department, Kashmir, distributed certificates to the sponsored participants. At NIELIT Jammu, Shri G. M. Bhatt, Joint Director, Skill Development Department, Jammu, honoured the function by presenting the certificates to the participants.

## Online Weekend Training Programme on Advanced Excel with AI

NIELIT Delhi has launched a 2-day online weekend training programme on 'Certificate Course on Advanced Excel with AI' on 1st and 2nd June 2024. A total of 40 participants attended this training. Ms Swapnali Naik, and Mr. Ankur Pruthi, NIELIT Delhi led the insightful sessions. The program included hands-on training, providing participants with a platform to enhance their Excel skills and optimize functionalities for improved workflow and productivity. All participants received course completion certificates.





## NIELIT East Delhi Office Champions Tech Education with Summer Training Series

NIELIT East Delhi Office launched a series of Summer /industrial training programmes in June 2024 aimed at equipping participants with cutting-edge skills in the rapidly evolving fields of technology. The Summer Training programmes covered various niche areas like Cyber Security, Artificial Intelligence, and Data Science etc. which have been designed to meet the growing demands of the digital economy..

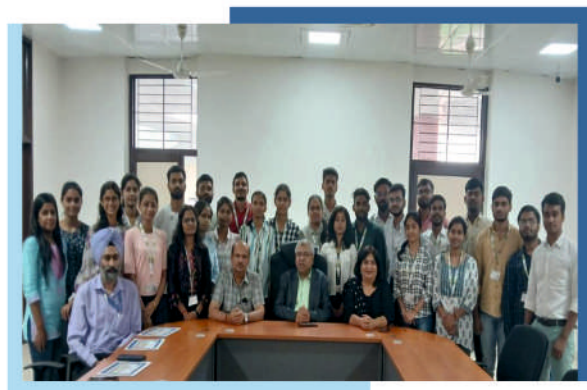


## Training for Divyangjan

NIELIT Chandigarh completed training for Divyangjan. Dr. Sanjeev Kumar Gupta, ED met the students and he conveyed his best wishes to the students and motivated them to learn maximum from the training. The Training head Dr. Manish Arora also met students and assured them of the best assistance from the Institute.



## Training in AI and ML for BTech Students



One-month residential training in AI and ML for 25 B.Tech. Students of Central University, Bihar concluded on 28th June 2024. Valedictory for the same was organised where students presented their Predictive Analysis and Image Processing Projects which Dr appreciated. Manish Arora and Dr. Sanjeev Kumar Gupta, ED. The students were encouraged and motivated by Dr. Gupta to further enhance their projects and aspire to become entrepreneurs. The training was conducted by Ms. Anita Budhiraja and Dr. Sarwan Singh.



## Internship in Data Science and Machine Learning

NIELIT Chennai conducted a 6-week Internship program starting from 27 May, 2024, in Data Science and Machine learning for 35 B.Sc. (Physics), 2nd year students of Meenakshi College for Women Chennai. Shri. Ishant Kumar Bajpai, and Shri. Raghavendran S, RS(IoT)

has acted as a resource person for the program. The curriculum covered fundamentals of Python programming, as well as the Numpy and Pandas libraries, and included training on regression and classification models.



## Internship for the student of GCE Bargur

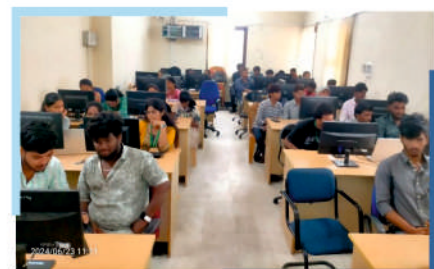
NIELIT Chennai conducted a 5-week Internship program on 'IoT using Data Analysis' and 'FPGA Prototyping using Verilog HDL' starting from 10 June, 2024, for 37 B.Tech, third-year students of GCE Bargur. Shri. Shoukat C, Shri. Ishant Kumar Bajpai, Shri. Raghavendra S, RS(IOT), and Ms. Chandralakha R Pillai, RS(VLSI) have acted as resource persons for the



program. Python for RPI, sensor interfacing with RPI, IoT using RPI and edge analytics are the topics covered for the IoT part of the internship. Fundamentals of VLSI, Verilog HDL programming, FPGA prototyping, and custom IP interface using AXI interconnect are the topics covered in the FPGA part.

## Internship for the student of Veltech Chennai

NIELIT Chennai has conducted a 5-day Internship program in 'Internship in Artificial Intelligence and Machine Learning using Python' from 19th June 2024 onwards for 35 B.Tech, third-year students of Veltech Chennai. Shri Harish Ravi Chandiran, RS(DS), and Ms. Maithreyi G, RS(DS) have acted as a resource person for the program. Topics related to regression models, classification models for supervised and unsupervised, neural networks, and deep learning were covered in the program.





## Internship Program in 'VLSI & SoC Design'

NIELIT Aurangabad internship program in 'VLSI & SoC Design' under C2S program of MeitY, Government of India of 5 weeks duration in hybrid mode was conducted from 10th May 2024 to 14th June 2024. Total of 15 students from Lakireddy Bali Reddy College of Engineering (LBRCE), Mylavaram, Andhra Pradesh were trained in this Internship program. Dr. Jayaraj Kidav, ED, distributed certificates to the participants in the valedictory ceremony. Mr. Saurabh Kesari, is the Coordinator & Mr. Shashank Singh, is the Co-coordinator of this internship program.



## Academic internship for 140 Engineers at Gauhati University

NIELIT Guwahati conducted a one-month Academic Internship Programme for 140 B. Tech. students of Gauhati University from 10th June 2024 to 9th July, 2024. The inauguration of the training program was attended by Dr Y. Jayanta Singh, ED, Sri Pankaj Shukla, & Dr. Saurov Mahanta, and Prof. Tulshi Bezbaruah, Director, GUIST, Prof. Eeshankur Saikia, HoD Applied Science, Prof. Kandarpa K.Sarma, HoD ECE, Dr. Debabrata Baishya, HoD, Bioengineering and Technology. Students are being trained in AI & ML, Cybersecurity & Cloud Computing during the internship. Industry partners and startup joints to provide additional skills to the students.



## Internship on IoT & Robotics:

NIELIT Guwahati recently conducted a one-month internship on IoT & Robotics for 40 engineering graduates specializing in Instrumentation and Electrical Engineering. The internship, held from 04th June to 28th, 2024 saw participation from students of Assam Engineering College. The training program, led by the faculty members of NIELIT Guwahati, provided hands-on experience and advanced knowledge in the fields of IoT and robotics, equipping the students with valuable skills for their future careers.



## NIELIT Dibrugarh EC conducted awareness program on AI & IoT

NIELIT Dibrugarh EC of Guwahati conducted an awareness program on AI and IoT at Romai T.E Model School in Lahoal, Dibrugarh on 10th of June, 2024. The program aimed to educate students about the latest advancements and applications of AI and IoT technologies. This initiative is part of NIELIT's ongoing efforts to promote technological literacy and inspire the next generation of innovators in the region.



## Program for Farmers on "Use of ICT Technology For Effective Farming & Marketing"

Awareness Program under the NECB 2.0 project was conducted for Farmers on "Use of ICT Technologies for effective farming and marketing" at Nongbsap on 25-04-2024 and



Mairang on 10-06-2024, which was attended by 300 farmers. A total of 300 candidates participated in the training.

## Solar Power Installation Operation & Maintenance course

A course on "Solar Power Installation Operation and Maintenance" at Union Christian College was launched on 26th June, 2024. Present during the occasion was Dr Rudolf Manih, Principal of UCC, Dr J Marak, IQAC, UCC and other teachers and Staff members of the College in the presence of NIELIT Shillong officials. 2(two) Batches totalling 60 students are undergoing the training program.





## Training of School Teachers

School teachers' training was conducted at Jail Road Higher Secondary School, Shillong, St Margaret Higher Secondary School, Shillong, and Madanrting Presbyterian Higher Secondary School, Shillong, during the months of April, May, and June 2024. NIELIT Shillong officials undertook the training program. In all, 112 teachers registered for the training programs.



## Equipping Students with Cyber security and AI/ML



A program focused on Cyber security was held at Gadag JNV from 3rd April to 8th April, 2024. This immersive learning experience equipped students with fundamental knowledge and practical skills in this critical field. Through interactive sessions and hands-on exercises, participants gained valuable insights into essential cyber security principles, including ethical hacking techniques. A program, held from April 5th to 9th, 2024, at SHRI JNV Schools in Shimoga and Mangalore, offered

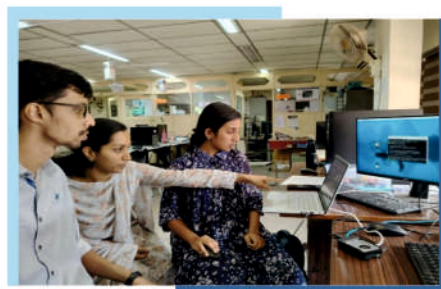
a combined focus on AI/ML using Python and Cyber security with Ethical Hacking. This program provided students with a comprehensive understanding of two highly sought-after fields, empowering them to explore potential career paths in the digital world.

## NIELIT Calicut Upskills BTech Students with Data Analytics and AI Internship

NIELIT Calicut conducted a 5-day internship program focusing on Data Analytics and Artificial Intelligence (AI), from 10th June to 14th June 2024. 19 students pursuing BTech from Veltech University, primarily from Computer Science, IT, and AI/ML specializations attended the program. The intensive program provided introduction to the exciting world of Data science and AI.

## NIELIT Calicut Equips Students with Raspberry Pi Internship Program

NIELIT Calicut concluded a successful internship program focused on Raspberry Pi, a versatile and credit-card sized computer on 25 June 2024. This program equipped students with valuable skills in the burgeoning field of IoT and embedded systems





## Hands-on Training Programme on Vocational Education

A one-day hands-on Training Programme on Vocational Education was conducted for students of 7 Government Schools on 26th June, 2024. The programme was jointly organised by NIELIT Imphal & Samagra Shiksha (Secondary), Manipur.



## Special Session on Advancement in IT



NIELIT Kurukshetra has been providing training in Digital Literacy Courses (DLC), Short-Term Courses, Long-Term & NSQF Courses. Special session on "Advancements in the field of Information Technology, impacts on human life and application in agriculture" was held at NIELIT Kurukshetra.

## Other Trainings by NIELIT Kurukshetra

1. NIELIT Kurukshetra is providing training to DGE sponsored 50 candidates in IT-O Level course and 25 candidates in CHMT-O Level Course at Hisar and Tohana (Fatehabad).
2. 90 candidates trained under Aspirational District Project at Mewat District in course "Certified Data Entry and Office Assistant (Upskilling)" and "Certified Computer Application, Accounting and Publishing Assistant"
3. Training to 250 candidates under EELTP Program at Hisar & Sirsa Districts is being imparted in various courses including IT-O Level, "Certified Data Entry and Office Assistant (Upskilling)" and "Certified Computer Application, Accounting and Publishing Assistant"
4. Internships to 23 candidates under Work Based Learning (WBL) Program are being provided.

## Industrial training on emerging and cutting-edge technologies

Over 600 students from various technical institutions are currently participating in Summer/Industrial training on emerging and cutting-edge technologies viz. Cyber Forensics, Android App Development, Cloud Computing & Virtualization Expert, Machine Learning, Artificial Intelligence, Internet of Things, DSP using MATLAB, Web Designing, AutoCAD, Solar Power Installation, PCB Design and Analysis at NIELIT Agartala.





## Musical and Dance event organised

NIELIT Ropar students who are part of Cultural and Music Club organised an event on 29th April, 2024. Students of BSc, BCA, MSc and 6 Months AIML participated in various musical and dance events.



## NIELIT Tezpur hosted workshop on 3D Printing

NIELIT Tezpur EC of Guwahati hosted a three-day workshop on 3D printing from April 1 to April 3, 2024. The workshop aimed to provide participants with practical skills and a thorough



understanding of 3D printing technology, its applications, and its potential impact across various industries. The event was part of NIELIT Tezpur's ongoing efforts to promote advanced technological skills and innovation in the region.

## NIELIT Jorhat conducted a comprehensive workshop on emerging technologies

NIELIT Jorhat EC of Guwahati conducted a comprehensive workshop on emerging technologies, covering topics such as AI, IoT, AR/VR), VLSI Technologies, and Cyber Security on 26th April, 2024. The workshop aimed to provide participants with in-depth knowledge and hands-on experience in these cutting-edge fields, fostering a better understanding of their applications and potential. This initiative reflects NIELIT Jorhat's commitment to staying at the forefront of technological education and innovation.





## Entrepreneurship Seminar by SBI at NIELIT Kolkata

A batch of 30 participants of DGR sponsored course for Certified Multimedia Developer commenced from 8th April 2024 at NIELIT Kolkata. A seminar was organized on 06th June, 2024 for the participants where officials from SBI, were invited to enlighten the participants about Investments and entrepreneurship options available. Shri Tapas Trivedy, welcomed the speakers Shri Bhaskar Chakraborty, Chief Manager, SBI, Shri Kiran K. Naik, Shri Dipankar

Mahakur, SBI. Speakers provided information about start up opportunities available with SBI. Speakers spoke about how terminal sum on retirement can be intelligently invested in different schemes, investment options available including the Gold Bonds issued by the bank. They also informed the participants about the PM schemes available for

Ex-servicemen, subsidies available for start-ups and discussed about the Long term, short term and medium-term investments. The programme was coordinated by Smt. Rashmi M Vijayvergiya.



## Placement Talk by IICT on Wireless Communication Testbed

NIELIT Calicut hosted a placement talk by the IICT on 04th July, 2024. This exciting event focused on the development of an Experimental & Use case Testbed for Wireless



Communication. The placement talks shed light on IICT's ongoing project to establish a cutting-edge testbed specifically designed for research and development in the field of wireless communication. This testbed will provide a crucial platform for researchers, developers, and students to experiment with new technologies and validate their applications in real-world scenarios.

## 3rd Meeting of The Executive Committee of NIELIT Delhi Centre

The third meeting of the Executive Committee (EC) of NIELIT Delhi Centre was successfully conducted at NIELIT East Delhi Office on 14 May 2024 under the chairmanship of Shri Subhanshu Tiwari, ED, NIELIT, Delhi. The meeting was attended by the members of the EC and senior officers of the Centre namely Shri Bhupesh Chaudhary IAS,





Director (TTE), Department of Training and Technical Education, GNCTD; Prof. Smruti Ranjan Sarangi, Professor, Dept. of Computer Science, IIT, Delhi; Shri Rahul Kumar Goel Executive Director (HR/ Admn.) TCIL; Shri Rajneesh Kumar Asthana, Registrar, Shri R. K. Tripathi, CFO, Ms. Sheetal Chopra, NIELIT Delhi. The Executive Committee reviewed NIELIT, Delhi centre's financial performance, focusing on diversifying and strengthening our revenue streams.

## Workshop on Artificial Intelligence by NIELIT Delhi

NIELIT Delhi organized a workshop on "AI" and an interactive session for students of Ambedkar University, Delhi at the Karampura Campus on May 1, 2024. Smt. Swapnali Naik, NIELIT Delhi, delivered an insightful session on AI, emphasizing its impact and the importance of skill development in the emerging technologies and IT field.

The workshop saw enthusiastic participation from over 80 students representing various streams of the School of Vocational Studies and faculty members of the University. Sh. Sitansu S. Jena, Professor & Dean, School of Vocational Studies, Ambedkar University Delhi and Smt. Sheetal Chopra, graced the occasion.



## अर्धवार्षिक बैठक एवं राजभाषा शील्ड वितरण का आयोजन

नराकासरूप नगर की अर्धवार्षिक बैठक एवं राजभाषा शील्ड वितरण का आयोजन 08 मई, 2024 को नाइलिट रूपनगर में किया गया। बैठक में गृहमंत्रालय, राजभाषा विभाग से श्री कुमार पाल शर्मा (उपनिदेशक) द्वारा नराकासरूप नगर के सदस्य कार्यालयों/बैंकों की अर्धवार्षिक हिन्दी प्रगति रिपोर्ट (अक्तूबर 2023 – मार्च 2024)



की समीक्षा की गई। राजभाषा शील्ड योजना वर्ष 2022-23 हेतु सरकारी कार्यालय श्रेणी के अंतर्गत नाइलिट रूपनगर ने तृतीय स्थान प्राप्त किया। नराकासरूप नगर द्वारा विभिन्न हिन्दी प्रतियोगिताओं में विजेता प्रतिभागियों को भी पुरस्कार दिए गए।

## SGPC delegation visited NIELIT Ropar

NIELIT Ropar campus had the privilege of hosting a distinguished delegation from the Shiromani Gurdwara Parbandhak Committee (SGPC). The delegation was led by SGPC President S. Harjinder Singh Dhami and included Smt. Harjinder Kaur, former Mayor of



Chandigarh, and S. Chanchal Singh, former DPI of Chandigarh Education Department. Dr. Sanjeev Kumar Gupta, ED, welcomed the guests and provided a detailed briefing on the wide range of activities and projects being undertaken at the Ropar campus. This briefing highlighted NIELIT's commitment to advancing digital literacy, providing cutting-edge technical training, and driving skill development across various sectors.

A significant portion of the visit was dedicated to exploring potential collaborations between NIELIT and SGPC. Fruitful discussions were held regarding the possibility of establishing a partnership akin to NIELIT's successful collaboration with the National Council for Promotion of Urdu Language (NCPUL). This proposed tie-up aims to leverage NIELIT's technological expertise to enhance educational and skilling opportunities within SGPC-managed institutions.



## CCA, MeitY visited NIELIT Ropar



Shri Sakesh Prasad Singh, Chief Controller of Accounts, MeitY visited NIELIT Ropar Campus on 7th June, 2024. He was welcomed by Sh Sanjeev Kumar Gupta, ED, NIELIT Chandigarh and was shown the campus and its facilities. Shri Sakesh held a meeting with all the Senior Staff members where he was apprised about all the Projects currently being executed by the centre. He talked to the staff members on their projects and gave suggestions also.

## World Environment Day Celebrated

a. NIELIT Ropar celebrated "World Environment Day" on 5th June, 2024. During the occasion, a Jamun tree and an Apple tree were planted within the campus, aligning with the theme set for World Environment Day 2024:

b. NIELIT Imphal also observed "WORLD ENVIRONMENT DAY".





## International Yoga Day Celebrated

The 10th International Day of Yoga 2024 was celebrated by NIELIT HQ and NIELIT Centres on 21st June 2024 with the theme "Yoga for self and society" with great vigour and enthusiasm. NIELIT employees participated, practiced yoga and made the session successful conducted by Renowned Yoga Gurus with common yoga protocol as prescribed by the Government of India/Ministry of Ayush. The yoga sessions offered a chance to improve physical strength, flexibility, and balance – all while promoting relaxation, stress reduction, and mental clarity. The positive and supportive environment fostered by the participants' enthusiasm and dedication to yoga made the session truly enriching. International Day of Yoga, observed annually on June 21st, celebrates the ancient practice of yoga and its profound impact on overall well-being.



## A Night of Joy and Togetherness: NIELIT Calicut Celebrates Annual Day

NIELIT Calicut campus came alive on 14th June 2024, as the institute hosted its Annual day celebrations. The festive atmosphere filled the Seminar Hall, as colleagues, families, and guests gathered for a Night of Magic, Music, and Memories. The event commenced at 6:00 PM with the traditional lighting of the Kuthuvilakku by the Dr. Pratap Kumar, Director NIELIT Calicut, setting the tone for an auspicious occasion. The all-ladies NIELIT Recreation Club Committee Members played a pivotal role in organizing the event.

A highlight of the evening was a thrilling game of musical chairs, where enthusiastic participants of all ages battled it out. Neha Hari, a bright 2nd-standard student of Spring Valley School and daughter of Shri. Hari K, won the game. Adding a touch of magic to the event was a captivating magic show by Shri. N Manoj. The celebration continued with captivating dances, soulful cinematic songs, and a lively Thiruvathirakali performance, bringing the energy to a



peak. The delicious dinner served at 8:00 PM, provided a wonderful opportunity for everyone to connect in a relaxed setting. In recognition of academic excellence, prizes were awarded to wards of employees who achieved outstanding results in their 10th and 12th grade exams and to the winners of the games conducted throughout the event also received prizes, adding to the



## State Level Skill Olympiad 2023-2024 at NIELIT Jammu

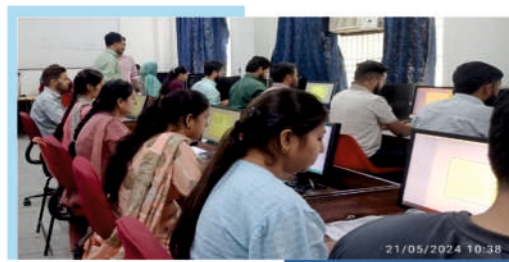
J&K Skill Development Mission (JKSDM), organized State Level Skill Olympiad 2023-2024 at NIELIT Jammu, where tech enthusiasts gathered to demonstrate their skills in Cyber Security and IT Software Solutions. This event is part of the IndiaSkills 2023-24 Skill Olympiad initiatives. The event was inaugurated by Smt. Leena Padha (JKAS), Managing Director, Skill Development Mission, in the presence of Sh. Rajneesh Raina, and Smt. Sarita Kaur. Smt. Padha expressed her



appreciation for the candidates' enthusiasm and remarked that JKSDM will continue to organize such initiatives to provide opportunities for the youth of J&K. She also commended the efforts of the NIELIT team for organizing the competition effectively. Coordinated by Sh. Khalid Sheikh, the Olympiad was designed not just for competition but also to inspire the next generation of tech leaders. More than 250 candidates will compete to represent J&K at the pre-national and national level competitions

## Computer Based typing test

NIELIT J&K conducted a computer-based type test for 48,000 candidates at both Jammu and Srinagar Locations for the position of Junior Assistant and a Shorthand test for 320 candidates for the position of Stenographer/Typist for JKSSB from April 15, 2024, to July 15, 2024.



## World Book Day 2024 Celebrated



World Book Day 2024" jointly organised by Manipur Library Association (MALA), State Central Library, Imphal, Govt. of Manipur and NSS unit of NIELIT Imphal was held on 23rd April, 2024 at NIELIT Imphal.

## World Intellectual Property Day Celebrated

World Intellectual Property Day 2024 jointly organized by IPR Cell of NIELIT Imphal and Patent Information Centre, Manipur Science and Technology Council (MASTEC) was observed at NIELIT Imphal on 26th April, 2024.





## Workshop on Skilling & Training in IT & Electronics

NIELIT Kurukshetra organized a workshop at Government Polytechnic, Nilokheri (Karnal) on "Skilling & Training in IT & Electronics". More than 100 Polytechnic students from Computer Engineering, Instrumentation & Control, Mechanical and other branches attended the workshop. Director NIELIT Kurukshetra also addressed the students and apprised them about NIELIT, its activities and various skilling courses conducted.



## Seminar on Cyber threats – Precautions & possible solutions



NIELIT Kurukshetra organised a seminar on "Cyber threats – Precautions & possible solutions and Digital Awareness". Haryana Police Officials were invited to deliver the talk to 80 students of Jawahar Navodaya Vidyalaya (JNV) Ambala.

## Roadmap for Smart Panchayat Initiatives 2.0

NIELIT Kolkata participated in a workshop organized by Panchayat and Rural Development Department, Govt of West Bengal aiming to make vibrant Panchayat System on the theme "Deliberation on Roadmap for Smart Panchayat Initiatives 2.0: A Digital Initiative of Panchayat and Rural Development Department" on 05.04.2024 with a topic "Scope of use of AI, Data Science, Data Analytics in Rural Development". Shri Tapas Trivedy delivered an introductory speech, followed by Shri Bhaskar Banerjee, and other staff explained the topic in a lucid manner with a question-answer session.





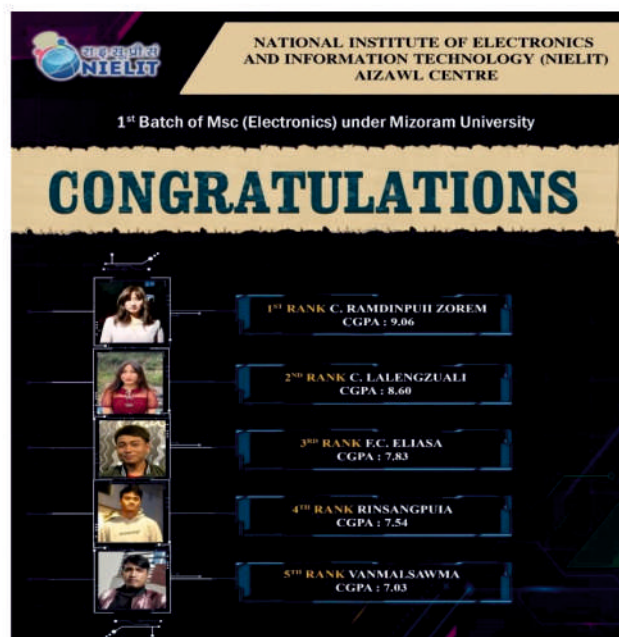
## ASCEND 2.0 : Sports Week Organized at NIELIT Aurangabad

ASCEND 2.0 Sports week was organized at NIELIT Aurangabad from 18th April, 2024. Sports activities were inaugurated by Dr.Jayaraj Kidav, ED. Students and staff members participated actively in the events.



## Rank Holder NIELIT Students

NIELIT Aizawl students rank holders of BCA, MCA and MSc (Electronics) under Mizoram University.





## NIELIT Chennai received Project from DBT

NIELIT Chennai has received the Department of Biotechnology[DBT], Govt-funded project titled "Indigenous state-of-the-art FPGA- based ultrasound beamformer modules for Affordable Ultrasound scanners: A Proof-of-concept scanner development" in collaboration with IIT Madras. The outlay of the project is Rs. 50.6 Lakhs. The project is commenced at NIELIT Chennai from May 2024 onwards.

## Technical Publications: -

Research Papers of NIELIT Staff Members Published

1.Mr. Saurabh Bansod (Scientist 'C'), Mr. Yogesh Kumar (Scientist 'B'), Mr. Shashank Kumar Singh (Scientist 'B'), Mr. Shubham Ranpise and Mr. Hritik Mandve of NIELIT Aurangabad published Research paper titled 'IoT Based Smart Irrigation System for Crops and Water Leakage Detection Using Image Processing' in Global Conference on Information Technologies and Communications (GCITC) (IEEE).

2.Mr. Saurabh Bansod (Scientist 'C'), Mr. Shashank Kumar Singh (Scientist 'B'), Mr. Shivansh Tiwari and Mr. Dushyant Raj Chaudhary of NIELIT Aurangabad published Research paper titled 'Plant Health Prediction Using RGB-D Method and VGG16 Model' in International Conference on Data Engineering and Communication Systems (ICDECS) (IEEE).

3.Mr. Saurabh Bansod (Scientist 'C'), Mr. Yogesh Kumar (Scientist 'B'), Mr. Shashank Kumar Singh (Scientist 'B'), Mr. Mohit Gour, Mr. Manas Salunke and Mr. Lalit Kumar of NIELIT Aurangabad published Research paper titled 'Currency And Counterfeit Currency Detection Using Machine Learning Algorithms' in Global Conference on Information Technologies and Communications (GCITC) (IEEE).

4.Panda, Jibanjyoti, Awdhesh Kumar Mishra, Pinku Chandra Nath, Saurov Mahanta, Minaxi Sharma, Prakash Kumar Nayak, Yugal Kishore Mohanta, and Kandi Sridhar. "Wild edible mushrooms to achieve sustainable development goals: Novel sources for food security, health, and well-being." Food Bioscience) [Impact Factor: 4.8] (April 2024)

## FAREWELL ON RETIREMENT



**Shri Sharad T Hosurkar**

Senior Private Secretary

Retired from the services of NIELIT Aurangabad after rendering a service of 32 years. A farewell was organized by the Centre on 30.04.2024



**Shri Vijay Chandola**

Joint Director (Finance)

Retired from the services of NIELIT Aurangabad after rendering a service of 31 years. A farewell was organized by the Centre on 28.06.2024.



**Sh. Sanjay Moza ji**

A warm farewell was accorded to Sh. Sanjay Moza ji, who attained superannuation on 30th April, 2024 after rendering 30 years of dedicated service to NIELIT J&K. His invaluable contributions and commitment were deeply appreciated by colleagues and staff.





## NIELIT GUWAHATI ANNOUNCES ADMISSION FOR NSQF-ALIGNED BIOINFORMATICS COURSE **SCIENTIFIC ASSISTANT IN DATA SCIENCE FOR LIFE SCIENCES**

**450 HOURS NSQF- LEVEL 4  
INCLUDING 60 HOURS ON-THE-JOB TRAINING (OJT)**

### COURSE CONTENTS:

- ALGORITHMIC PERSPECTIVE OF BIOINFORMATICS & INTRODUCTION TO BIOINFORMATICS TOOLS.
- SOLVING BIOLOGICAL PROBLEMS USING PYTHON PROGRAMMING.
- ANALYSIS AND UNDERSTANDING OF BIOMOLECULAR STRUCTURES USING BIOINFORMATICS TOOLS.
- DATA SECURITY LAW.
- EMPLOYABILITY SKILLS.

### ELIGIBILITY:

- 12<sup>TH</sup> GRADE PASS WITH BIOLOGY AS MANDATORY SUBJECT
- STUDENTS UNDERGOING UG IN LIFE SCIENCES AND ALLIED BRANCHES

MODE OF TRAINING WILL BE ONLINE,  
OFFLINE OR BLENDED DEPENDING ON THE REGIONAL NEED.

Approved by:



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## NIELIT GUWAHATI ANNOUNCES ADMISSION FOR NSQF-ALIGNED BIOINFORMATICS COURSE **MULTIOMICS DATA ANALYST**

**660 HOURS NSQF LEVEL 6  
INCLUDING 90 HOURS ON-THE-JOB TRAINING (OJT)**

### COURSE CONTENTS:

- USE OF R PROGRAMMING IN BIOLOGICAL DATA ANALYSIS.
- APPLICATION OF OMICS IN BIG DATA ANALYTICS.
- MATHEMATICAL MODELING OF BIOLOGICAL NETWORKS USING SYSTEMS BIOLOGY FRAMEWORK.
- HEALTHCARE INFORMATICS FOR MEDICAL DATA MANAGEMENT
- DATA SECURITY LAW
- EMPLOYABILITY SKILLS.

### ELIGIBILITY:

- COMPLETED 3<sup>RD</sup> YEAR OF UNDERGRADUATE IN BIOLOGY (ZOOLOGY, BOTANY, BIOLOGICAL SCIENCE OR RELATED BRANCHES)

MODE OF TRAINING WILL BE ONLINE,  
OFFLINE OR BLENDED DEPENDING ON THE REGIONAL NEED.

Approved by:



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THIS COURSE IS CONDUCTED BY NIELIT IMPHAL IN  
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## Admission for Post-Graduate Diploma in Unmanned Aircraft System (UAS) Domain

Centre for Development of Advanced Computing (C-DAC) and National Institute of Electronics & Information Technology (NIELIT) are working towards building skilled manpower under the "Capacity building for Human Resource Development in Unmanned Aircraft System (Drone and related technology)" (<https://cdac.in/UASTrainings>), a capacity building initiative of Ministry of Electronics and Information Technology (MeitY), Government of India.

The objective of the programme is to gain knowledge and know-how and be able to avail career opportunity in the ICT industry especially the Unmanned Aircraft Systems (UAS)/ Drone targeting Application Programming, Data Analysis & Visualization, Machine Learning and Image Processing.

### Post Graduate Diploma in Unmanned Aircraft System Programming (PG-DUASP)

#### Highlights of the Programme:

- Provide hand-on session on the course module and implementation through project work
- Orientation to entrepreneurial mind-set and nurtures technical talent.
- Exposure to the emerging trends and technologies in UAS/ Drone.
- Opportunities for growing application-based job roles in the area of UAS/ Drone.

#### Eligibility:

- Graduate in Engineering or Technology (10+2+4 or 10+3+3 years) in any discipline of Engineering OR
- MSC/MS (10+2+3+2 years) in Computer Science, IT, Electronics OR
- MCA/MCM OR
- Post Graduate Degree in Physics / Mathematics / Statistics OR
- Post Graduate Degree in Management with graduation in IT / Computer Science / Computer Applications

The candidates must have secured a minimum of 55% marks in their qualifying examination.

C-CAT registration & application link- <https://cdac.in/UASTrainings>

#### Important Dates:

Start Date of Online Registration and Application : May 28, 2024  
Last Date of Online Registration : June 26, 2024  
C-DAC's Common Admission Test (C-CAT) : July 6 and 7, 2024  
Commencement of Course : August 29, 2024

#### Course Duration:

24 weeks full-time course with  
900 hours theory + lab + project.

\*\* Conditions apply (visit website and refer the admission booklet for more details)

Courses offered at:  
Aurangabad-NIELIT | Bengaluru-C-DAC | Bhubaneswar-NIELIT | Calicut-NIELIT | Hyderabad-C-DAC |  
Imphal-NIELIT | Noida-C-DAC | Patna-C-DAC | Pune-C-DAC | Srinagar-NIELIT

Candidate who have appeared for their final examination of the qualifying degree in 2024 may also apply subject to submitting their proof of degree certificate by December 31, 2024

Contact: +912025503134/136/107

email: [actssupport@cdac.in](mailto:actssupport@cdac.in)

Website: [www.cdac.in](http://www.cdac.in), [acts.cdac.in](http://acts.cdac.in)







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